

METHOD AND APPARATUS FOR ENCODING DATA TO GUARANTEE
ISOLATED TRANSITIONS IN A MAGNETIC RECORDING SYSTEM

ABSTRACT

- 5 Provided is a method, system, and program for storing input groups of
uncoded binary data on a storage medium. A plurality of uncoded data blocks in a
data stream are received. An encoded data stream is obtained from concatenating
successive encoded blocks such that the encoded data stream includes a
predetermined bit pattern comprising a plurality of bits. The bit pattern always
10 occurs within a first number of bits and two occurrences of a "1" or "0" occur within
a second number of bits. The encoded data blocks are stored on the storage medium.